INTERACTIVE LEARNING INTERNATIONAL

Volume 1 Number 1
July–September 1984

US and UK Editorial 5
Meet the Board 6
Trends in Training:
An historical perspective
Paul H. Palmarozza 9
Educational Technology Past and Present:
An analysis of success and failure
Patsy Macintosh 12
Low Cost Author Language Program Generators:
A DIY approach
Graham Beech 15
Integration in the Design of Interactive Learning Programmes:
Taking the first steps
John England 19
Technical Training for IT:
The uses of technology Episode 1: simple lesson architecture
John Heaford 21
Harnessing a new Technology:
Forgive us our trespasses
Derek Radburn 27
Making Video Interactive
Eric Parsloe 29
The Preddictor:
A front-end CBT design discipline system
Harry Shatz 34
FEATURE: Forthcoming Book:
Myth of the Learning Machine 38
Book Reviews 45

Volume 1 Number 2
October–December 1984

Editorial 3
Notes for Contributors 4
Meet the Board 5
Microworlds for the Classroom
Allan Martin 7
The Icon in the Classroom
John Hirschbuhl 9
The Development of an Author Language
Jim Wilson 13
Book Review 'Interactive Video' 15
Courseware Review 'Assessing Personal Management Skills' 16
The Preddictor—A Front End Design Discipline (Part 2)
Harry Shatz 17
Book Review 'Myth of the Learning Machine' 22
Micro-TICCIT—a sophisticated CBT system
Lois S. Wilson and Dave Backen 23
TenCORE and PC PILOT—a comparison of two authoring languages
C. G. Johnson 27
Added Value Analysis of Computer Based Learning
Paul Palmarozza 31

Volume 2 Number 1
January–March 1985

Editorial:
Dr. John Hirschbuhl, new US Editor 3
Meet the Board 4
Computer Based Training by Royal Mail: a case study in distance authoring
Quentin Whitlock 5
A CBT Field Study: productivity gains at Target Stores Inc. USA
Janice Johnson 11
What If: management training with CBT
Dr. John Hirschbuhl 16
TenCORE and PC PILOT—two authoring systems compared (Part 2)
C. G. Johnson 18
Thoughtware: the new management trainer
Andrea F. Warfield 21
Courseware Review: 'Human Edge'
Graham Beech 24
A CBT Society for the Finance Industry—a look at the IFCEB
John Heaford 26
CBT and the Small Businessman
Paul Palmarozza 28
The IT Industry: CBT and the end user
Loretta Beal 30

Volume 2 Number 2
April–June 1985

Editorial 3
Meet the Board 3
Authoring Tools: Help or Hindrance?
John Heaford 4
PC Authoring as Technology Comes of Age
Tom Lloyd 7
Two Contrasting Approaches to Authoring on the IBM-PC
Graham Beech 9

A Comprehensive CBT System for IBM Mainframes:
The Rise of Phoenix—Part 1: Overview and Basic Components
Maurice Hickey 12
Special Report: United States CBT Survey 15
CBT Courseware for the Small Business
Paul H. Palmarozza 17
Brain and Computers . . .
Vera Birkenbihl 19
News Section 23
'Here to Help'—an interactive video training programme 25
Principles of Cultural Change and the Technology of Computer Based Training
Gerald J. Blumenfeld 27
Some Outstanding Problems With Logo
R. P. Knott, C. Roper and J. Wood 29

Volume 2 Number 3
February 1986

Editorial 3
Change in the Corporation
The Case for Developing a Centre for Instructional Technology within the Corporate Structure
John J. Hirschbuhl 4
The View from Ireland
1. CBT; The Inevitable Growth
Pat McDonagh 6
2. The Productive Use of Subject Matter Experts in the Development of CBT Courseware 8
Open University
Making Graphics-Based Programming Systems Usable by Blind People
Alistair D. N. Edwards & Tim O'Shea 11
News Section 13
A Comprehensive CBT System for IBM Mainframes
The Rise of Phoenix—Part 2: User Roles & Course Design
Maurice Hickey 17
Feature Serial
The Current Status of Instructional Design Theories in Relation to today's Authoring Systems: Part 1
A. F. O'Neil 23
Book Reviews
Keith C. Marshall and Jim Wilson 27

Volume 2 Number 4
April 1986

Editorial 3
Managing a Courseware Development Project
Tony Droar 4
Computer Based Training Fundamentals
1. Courseware Development
Paul Palmarozza 10
2. The Components of Technology Based Training Systems
Don Yeates 14
Authoring Systems and the Integrated Solution
Roger Llewellyn and Jeremy Kahn 17
For CBT read SBT
System-Based Training
Lawrence Blackburn 20
News Items 22
Using Interactive Video Disk
Geoff Hutt 26
Feature Serial
The Current Status of Instructional Design Theories in Relation to today's Authoring Systems: Part 2
A. Fred O'Neal 29

Volume 3 Number 1
July 1986

Editorial 3
Artificial Intelligence:
The Fifth Generation and Training Strategies
Richard Ennals 4
Back to Basics:
1. What is 'good' Computer Based Training?
Sylvia Downs 8
2. Do-it-yourself CBT: A systems approach to training
Lawrie Blackburn 12
News Section 14
Productivity Tools:
1. GLOSSA: A system for computer assisted study of foreign language texts
Jay David Bolter and Jeffrey S. Creech 16
2. Authoring Tools: A perspective on the future of Computer Based Education author systems
Steven C. Nordberg 20
Case Study:
The British Gas South Eastern experience
A. D. Randall 29
Feature Serial:
Applications in Management Learning. Part 1
Clive Shepherd 34

Volume 3 Number 2
October 1986

Editorial 3
Back to Basics:
1. Ingredients for Effective CBT Systems and Products
John J. Hirschbuhl 4
2. Beyond Menus: The Rats-a-Stratz or the Bahdeens
Paul A. Pangaro 7
Artificial Intelligence:
Artificial Intelligence and Education: Exeter's Contribution
M. Yazdani 13

Technology Solutions:
1. Creating New Learning Environments within the Corporation: A discussion of New Ways of Enhancing or Transforming the Way we Learn
Lawrie Blackburn 17
2. New Technology Solutions to Training Problems
T. Bentley and S. Wrightson 21
News Section 23
Feature Serial
Applications in Management Learning: Part 2: The setting for, and means of access to, learning Clive Shepherd 30
Interactive Video
1. An Examination of the Research Methodologies used in Evaluating Interactive Videodisc Training Results
Uldis Smidchens 35
2. The US Videodisc Market: Analysis and Forecasts to 1990
Rockley L. Miller and John H. Sayers 41
3. The Active Knee™: A Standard in Level III Interactive Videodisc Medical Education
P. Joseph Vertucci, Herbert Renter and Kim A. Ridgeway 44

Volume 3 Number 3
November 1986

Editorial 3
The Business Case
1. Computer-based Training—Making the Case
P. Finch and M. Labinger 4
2. Training as a Profit Centre
J. Williams 9
Evaluation
1. Courseware Evaluation
N. J. Rushby 12
2. Evaluating Computer-based Training Tools
A. F. O'Neal 15
CBT Fundamentals
1. Standards—The Key to Success
J. Twigg 21
2. Selecting the Right Application/Media
R. Singh 26
The Technology Impact
1. The Impact of Training in Enlightened Countries
J. J. Hirschbuhl 32
2. Technology-Based Training *Versus* Conventional Training
N. Thirkettle 35
News Section 42
Interactive '86: Exhibition and Conference 44

Volume 3 Number 4
December 1986

Editorial 3
Back to Basics:
1. 'There is No Easy Road to Nirvana'—A Personal Viewpoint
D. C. Lewis 5
2. Managing Computer-based Training Projects
B. K. Raven 7
Courseware Review
Computers at Work
J. Kelly 15
Case Study
CBT in the Central Generating Board: A Pilot Project
D. Welham, N. Fisher and B. Rudge 16
Intelligent Tutors
1. The Application of Artificial Intelligence Principles to Teaching and Training
K. Shaw 20
2. A New Intelligent Tutoring System
L. Ford 23
3. AI in Computer-based Training
B. Camstra 27
Feature Serial
Applications in Management Learning. Part 3: The Environment
C. Shepherd 31
News 35
Evaluation
1. Human Factors in the Design of User-friendly Authoring Systems
D. Mudrick 40
2. Computer Simulations and the Acquisition of Problem-solving Skills
E. R. Steinberg, A. B. Baskin and E. Hofer 46

Volume 4 Number 1
March 1987

Editorial 3
Getting Started
Buying and Using Off-the-shelf Courseware
J. Rothwell 5
Design
Interactive Instructional Development
D. M. Gayeski 9
CBT in the National Health Service
1. Computer Aided Learning in the NHS
B. Richards, L. Al-Basri, A. Campbell, J. Morris and J. Minshull 13
2. To Boldly Go . . . a Strategy for the Development, Implementation and Understanding of Computer-assisted Learning in Nursing Education in England
P. M. Procter 17
3. Computerized Health Risk Appraisal: Applications for the Training of Health Professionals
C. R. Victor 20
4. Reflections on C.A.L. Development—The Nightingale School Project
S. Norman 25
News 29
Case Study
1. Using New Technologies in Training at IBM
M. Dowsey 31

Case Study *(Continued)*
2. The Design and Development of the U.S. Army Computer-Based Job Skills Training Program
W. Dick 35

Volume 4 Number 2
June 1987

Editorial 3
Software Developments for CBT
1. Dictionary and Verb Database: A Morphological Database for the IBM-PC
S. Carson and F. A. Domínguez 4
2. What's New in Computer Graphics for Training?
A. Paller 8
Feature Serial
Applications in Management Learning. Part 4: from Philosophy and Style to Production
C. Shepherd 12
CBT in the National Health Service
1. Real Worlds . . . Imaginary Roles? Attitudes, Values and Beliefs in Paramedical Education
A. Gardner 22
2. Interactive Video for Healthcare Training: The Adept System
R. Brooks 30
3. Computer Models and Simulations in Medical Education
D. Ingram 33
4. Nurse Training and Interactive Video: Many Learning Problems and a Solution
V. M. Johnston 36
News 40

Volume 4 Numbers 3&4
September 1987

Letter from the Editor
J. Heaford 3
Letter from the Editor Designate
N. Rushby 4
Aims and Scope 5

Interactive Learning Systems for the 90's
P. Barker 6

Design Methodologies for Technology Based Training
N. Rushby 17
Towards a Theory of Design for Interactive Video Programmes
D. Binsted 28
Text, Talking Heads or Live Video. Media Choice in Interactive Video
D. Binsted 37
Learning Principles for Technology Based Training
A. Trott 42
Intelligent Interactive Learning Systems
F. Rickett 50
Interactive Teleconferencing in Education and Training
R. Winders 55
Computer Based Training: Progress or Stagnation?
B. Camstra 59
CBT or IV, That is the Question
C. S. Welham 63
Technology Based Training in Banking and Finance: How to Make it Happen
G. J. Gery 67
Interactive Videodisc in Banking
J. Noon 70
Computerized Training Solutions at Glaxo Pharmaceuticals
M. Wynn 73
A Cost-effective Implementation of Computer Based Training Within a Large Government Training Organization
M. Szabo 81
Computer Based Simulations for Training Emergency Relief Managers
R. P. Knott and R. Stephenson 85
Training by Stealth—An Expert System Based Computer Based Training Package for Small Businesses
J. Eary 90
Scriptwriter Scenario—A Development System for Trainers
J. Stone 95

Volume 1-4 Contents 99
Keyword Index 103
Notes for Authors 104
Publishing Agreement 106
ILI Reader Feedback 107